



ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY

**Environment, Health, & Safety
Training Program**

EHS 65 ~ Facility Planning with Ergonomics

Course Syllabus

Subject Category: Ergonomic Safety
Course Length: 2 hours
Delivery Mode: Class
Schedule: By request
Location/Time: Varies

Course Prerequisite: No
Medical Approval: No

Course Purpose: This course is designed to introduce ergonomic guidelines and practices that are applicable to facility management planning, design, work surface, fabrication, and work station reconfiguration. This information will better prepare onsite personnel to address the ergonomic needs of a facility as they analyze space needs, design plans, and install work surfaces or perform furniture/equipment moves for worker safety functionality and productivity.

Course Objectives:

- To define ergonomics and the standards/guidelines that support it, i.e., how it applies to the contemporary workplace.
- To describe WMDS's and the hazards /risk factors that may cause them.
- To establish facility management goals for creating functional workspace.
- To identify essential anthropometry measures to assist in establishing design criteria.
- To identify workstation performance requirements for equipment and furnishings of an ergonomic office or other work spaces.
- To define the ADA issues relevant to providing for accommodation and accessibility.

Course Instructional Materials:

Instructor: Alison Heller, M.S.P.T., CIE
Contact: Jeffrey Chung, Ergonomic Safety Coordinator, x 5818

Training Compliance Requirements: 8CCR 3203

Course Hand-outs: Yes

Participant Evaluation: Written evaluations regarding the effectiveness of the trainer, the training and the visual aids.

Written Exam: No

Practical Exam: No

Retraining/Recertification: No

WEB Resource: PUB-3000, Chapter 17